

College of Engineering Chengannur
Department of Computer Engineering
M. Tech. Computer Science(Image Processing)
03CS6902 Mini Project
Periodic Report No. (8) (For the period (21-8-2021) to (31-8-2021))
AIR CANVAS
Shivangi m CHN20CSIP06

1 Work Assigned

Initial implementation and Design.

2 Work Done

COMPLETED WORK(TILL AUG 10)

Work assigned for period (26-04-2021 to 01-05-2021)

- Identify suitable project domain

Work assigned for period (02-05-2021 to 11-05-2021)

- Identify different project topics based on the domain selected

Work assigned for period (12-05-2021 to 22-05-2021)

- Identify project topic based on proper journals and other references

Work assigned for period (23-05-2021 to 31-05-2021)

- Initial conformation and selection of guide

Work assigned for period (01-06-2021 to 10-06-2021)

- Study of references and literature survey for the project

Work assigned for period (11-06-2021 to 20-06-2021)

- Detailed study of methods in the project

Work assigned for period (01-08-2021 to 10-08-2021)

- Prepare the design of the project

Done design presentation on 17-08-2021

3 Work Schedule for Next 10 Days(20-08-2021 to 31-08-2021)

- Start implementation
- Complete the implementation of each step

2.1 Understanding the HSV color space for Color Tracking. And tracking the small colored object at finger tip.

2.2 Detecting the Position of Colored object at finger top and forming a circle over it. That is Contour Detection.

2.3 Tracking the fingertip and drawing points at each position for air canvas effect. That is Frame Processing.

2.4 Fixing the Minor Details of the code to function the program smoothly. Algorithmic Optimization.

4 Assessment of Guide

Performance assessment & Remarks by the guide: Poor/Acceptable/Satisfactory/Good/Very Good/Excellent

Name & dated signature of the guide: